

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A method for fabricating a substrate with a parallax barrier layer, the method comprising steps of:

(a) preparing a first substrate, which has a first principal surface and a second principal surface that are opposed to each other and which is made of a transparent material;

(b) providing a parallax barrier layer with a predetermined pattern on the first principal surface of the first substrate; and

(c) forming a first layer, which satisfies a prescribed positional relationship with the parallax barrier layer, on the second principal surface of the first substrate.

2. (original) The method of claim 1, wherein the step (b) includes a step of making a first alignment mark.

3. (original) The method of claim 2, wherein the step (c) includes a step of locating the first alignment mark through the first substrate and achieving alignment with respect to the first alignment mark.

4. (currently amended). The method of claim 2-or-3, wherein the first alignment mark is made of a material of the parallax barrier layer.

5. (currently amended) The method of claim 1~~one of claims 1 to 4~~, wherein the parallax barrier layer is made of a metallic material.

6. (currently amended) he method of claim 1~~one of claims 1 to 5~~, wherein the step (c) includes a step of forming a color filter layer as the first layer.

7. (currently amended) The method of claim 1~~one of claims 1 to 5~~, wherein the step (c) includes a step of forming a black matrix layer as the first layer.

8. (currently amended) The method of claim 1~~one of claims 1 to 7~~, wherein the step (c) further includes a step of making a second alignment mark of a material of the first layer.

9. (currently amended) A method for fabricating a display device, the method comprising steps of:

(A) preparing a substrate with a parallax barrier layer by the method of claim 1~~of one of claims 1 to 8~~;

(B) securing a second substrate to the substrate with the parallax barrier layer with a predetermined gap provided between the two substrates; and

(C) forming a display medium layer between the substrate with the parallax barrier layer and the second substrate.

10. (original) The method of claim 9, further comprising a step of (D) dividing a panel, in which the substrate with the parallax barrier layer and the second substrate are combined with each other, into a number of smaller panels after one of the steps (B) and (C).

11. (currently amended) The method of claim 9 or 10, wherein the display medium layer is a liquid crystal layer.

12. (original) The method of claim 11, further comprising a step of arranging a polarizer on a viewer-side surface of the parallax barrier layer after the step (D).

13. (currently amended) A display device fabricated by ~~the method of one of claims 9 to 12~~ a method comprising steps of:

(A) making a substrate with a parallax barrier layer by (a1) preparing a first substrate, which has a first principal surface and a second principal surface that are opposed to each other and which is made of a transparent material;

(a2) providing a parallax barrier layer with a predetermined pattern on the first principal surface of the first substrate; and

(a3) forming a first layer, which satisfies a prescribed positional relationship with the parallax barrier layer, on the second principal surface of the first substrate;

(B) securing a second substrate to the substrate with the parallax barrier layer with a predetermined gap provided between the two substrates; and
(C) forming a display medium layer between the substrate with the parallax barrier layer and the second substrate.

14. (original) A display device comprising:
a first substrate, which is arranged closer to a viewer and which is made of a transparent material;
a second substrate opposed to the first substrate;
a display medium layer interposed between the first and second substrates; and
a parallax barrier layer provided on the surface of the first substrate so as to face the viewer.

15. (original) A display device comprising:
a first substrate, which is arranged closer to a viewer and which is made of a transparent material;
a second substrate opposed to the first substrate;
a liquid crystal layer interposed between the first and second substrates;
a polarizer located closer to the viewer than the first substrate is; and
a parallax barrier layer provided between the first substrate and the polarizer.